

Abstract

Aqueous, colloidal, freeze-resistant and storage-stable gas black suspension are disclosed containing 2 – 30 wt.% gas black, 0 – 40 wt.% carbon black, a dispersion-supporting additive, a biocide and water and having a zeta potential of less than -10 mV, a surface tension of greater than 50 mN/m and an average particle size of less than 200 nm. The aqueous, colloidal, freeze-resistant and storage-stable gas black suspension is produced by dispersing the gas black and the carbon black in water together with the dispersion-supporting additive and biocide. Inks, inkjet inks, lacquers and printing inks can be made from these suspensions.